

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An optical device, comprising:

a plurality of light modulating devices to modulate a plurality of color light components in accordance with image information for every color light component;  
a color synthesizing optical device having a plurality of light flux incident end surfaces opposing the respective light modulating devices to synthesize and to emit the color light components modulated by the respective light modulating devices; and

a plurality of incident side transparent members made of a thermal conductive material, which are interposed between respective members of the light flux incident end surfaces and the light modulating devices and are connected to the light modulating devices, at least two incident side transparent members of the plurality of incident side transparent members being different in thermal resistance; and

a pedestal provided in at least one end surface of end surfaces crossing the light flux incident end surfaces of the color synthesizing optical device and made of a thermal conductive material,

the incident side transparent members being connected to side surfaces of the pedestal.

2. (Currently Amended) An optical device, comprising:

a plurality of light modulating devices to modulate a plurality of color light components in accordance with image information for every color light component;  
a color synthesizing optical device having a plurality of light flux incident end surfaces opposing the respective light modulating devices to synthesize and to emit the color light components modulated by the respective light modulating devices; and

a plurality of incident side transparent members made of a thermal conductive material, which are interposed between respective members of the light flux incident end surfaces and the light modulating devices excluding at least one space and are connected to the light modulating devices; and

a pedestal provided in at least one end surface of end surfaces crossing the light flux incident end surfaces of the color synthesizing optical device and made of a thermal conductive material,

the incident side transparent members being connected to side surfaces of the pedestal.

3. (Previously Presented) The optical device according to claim 1, at least two incident side transparent members of the plurality of incident side transparent members being made of thermal conductive materials having different thermal conductivities.

4. (Previously Presented) The optical device according to claim 1, at least two incident side transparent members of the plurality of incident side transparent members having different sectional areas in a direction along an end surface crossing the plurality of light flux incident end surfaces of the color synthesizing optical device.

5. (Canceled)

6. (Original) The optical device according to claim 1, further comprising an emitting side transparent member made of a thermal conductive material, which oppose a light flux emitting end surface of the color synthesizing optical device.

7. (Previously Presented) The optical device according to claim 6, the emitting side transparent member having a thermal resistance smaller than those of the incident side transparent members.

8. (Previously Presented) The optical device according to claim 7, the emitting side transparent member being made of thermal conductive material having a thermal conductivity larger than those of the incident side transparent members.

9. (Previously Presented) The optical device according to claim 7, a sectional area of the emitting side transparent member, in a direction along an end surface crossing the plurality of light flux incident end surfaces of the color synthesizing optical device, being larger than those of the incident side transparent members.

10. (Previously Presented) A projector to modulate a light flux emitted from a light source in accordance with image information to form an optical image, and to enlarge and to project the optical image, comprising:

the optical device according to claim 1.

11. (Previously Presented) The projector according to claim 10, the optical device including an emitting side transparent member made of a thermal conductive material, which oppose a light flux emitting end surface of the color synthesizing optical device, and an optical component case body to house the optical device including ventilating openings for passing cooled air, the ventilating openings are formed at positions in accordance with the respective light flux incident end surfaces and the light flux emitting end surface of the color synthesizing optical device.

12-15. (Canceled)

16. (Previously Presented) The projector according to claim 10, at least two incident side transparent members of the plurality of incident side transparent members being made of thermal conductive materials having different thermal conductivities.

17. (Previously Presented) The projector according to claim 10, at least two incident side transparent members of the plurality of incident side transparent members

having different sectional areas in a direction along an end surface crossing the plurality of light flux incident end surfaces of the color synthesizing optical device.

18. (Previously Presented) The projector according to claim 10, further comprising a pedestal provided in at least one end surface of end surfaces crossing the light flux incident end surfaces of the color synthesizing optical device and made of a thermal conductive material, the incident side transparent members being connected to side surfaces of the pedestal.

19. (Previously Presented) The projector according to claim 10, further comprising an emitting side transparent member made of a thermal conductive material, which oppose a light flux emitting end surface of the color synthesizing optical device.

20. (Previously Presented) The projector according to claim 19, the emitting side transparent member having a thermal resistance smaller than those of the incident side transparent members.

21. (Previously Presented) The projector according to claim 20, the emitting side transparent member being made of thermal conductive material having a thermal conductivity larger than those of the incident side transparent members.

22. (Previously Presented) The projector according to claim 20, a sectional area of the emitting side transparent member, in a direction along an end surface crossing the plurality of light flux incident end surfaces of the color synthesizing optical device, being larger than those of the incident side transparent members.

23. (Previously Presented) The optical device according to claim 2, at least two incident side transparent members of the plurality of incident side transparent members being made of thermal conductive materials having different thermal conductivities.

24. (Previously Presented) A projector to modulate a light flux emitted from a light source in accordance with image information to form an optical image, and to enlarge and to project the optical image, comprising:

the optical device according to claim 1;

a plurality of light modulating devices to modulate a plurality of color light components in accordance with image information for every color light component;

a color synthesizing optical device having a plurality of light flux incident end surfaces opposing the respective light modulating devices to synthesize and to emit the color light components modulated by the respective light modulating devices; and

a plurality of incident side transparent members made of a thermal conductive material, which are interposed between respective members of the light flux incident end surfaces and the light modulating devices excluding at least one space and are connected to the light modulating devices.

25. (Previously Presented) The projector according to claim 24, at least two incident side transparent members of the plurality of incident side transparent members being made of thermal conductive materials having different thermal conductivities.